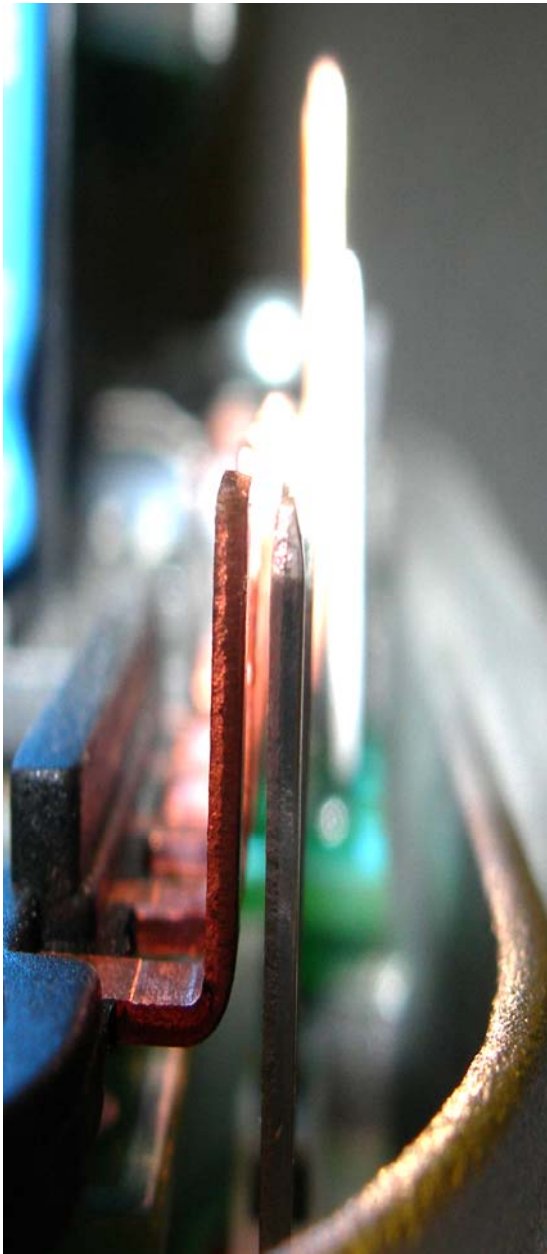
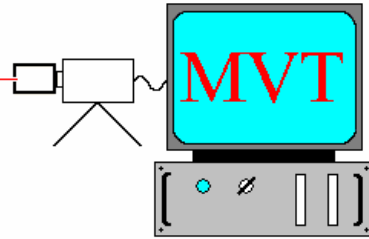


# Machine Vision Technology Ltd.



*Real Vision for the Real World*



## Case Study- Automotive Pin Alignment Inspection

- **Vertical Pins**
- **Parallel Pins**
- **Correct Gap**
- **Pin Offset**

A large international automotive supplier had a requirement to completely automate its assembly process.

So it contracted Machine Vision Technology to develop a vision solution to provide 100% inspection during this automated robotic assembly.

Prior to assembly the parts are independently inspected at the first vision station to ensure correct assembly.

This is followed by the robotic assembly and inspection immediately prior to welding.

All this enables correction of any faulty parts thus ensuring there is no scrap or faulty assemblies.

Customised lighting is included with the industrial vision system and three cameras.

Close co-operation was also required with the automatic handling supplier to integrate this into the PLC management system, and robotic handling.

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***Unbeatable benefit / cost ratio from a company with a proven track record.***